

2014 ANNUAL REPORT MOAB INTERAGENCY FIRE CENTER



Cottonwood Ridge Fire 7/21/2014

Canyon Country BLM (Moab, Monticello and Price Field Offices)
Manti-LaSal National Forest
National Park Service Southeast Utah Group
Utah State Forestry, Fire & State Lands, Southeast Area
BIA Ute Mountain Field Office



2014 ANNUAL REPORT

MOAB INTERAGENCY FIRE CENTER

SOUTHEAST UTAH

70 E Fire Center Drive, Moab, UT 84532

435-259-1850

Dispatch Zone

The Moab Interagency Fire Center (MIFC) is the dispatch center for Southeast Utah which includes: Canyon County District BLM; Manti-LaSal National Forest (USFS); Division of Forestry, Fire and State Lands Southeast Area (SES); and the National Park Service Southeast Utah Group (NPS).

The dispatch area involves over 10 million acres of terrain that ranges from grasslands at 4,000 feet to forested lands above 12,000 feet in elevation. Land status throughout the area is highly fragmented. MIFC has an average of 200-300 incidents per year, with a fire season that extends throughout the year with prescribed fires and pile burning in the spring, fall, and winter.

Dispatch Staffing

Center Manager – Clark Maughan

Assistant Center Manager – Rachel Cresto

BLM Lead Dispatcher – Bill Sullivan

USFS Lead Dispatcher – Mark Hassel

USFS Logistics Dispatcher – Dawn Drake

State Dispatcher – Jessica Allred

Personnel from the local area filled various positions in the organization throughout the summer.

Dispatch Activity

Fire activity was below average in both number of fires and acres burned. The first wildland fire of the year occurred on January 6th and the last occurred on November 28th. Prescribed fire activity was ongoing during the winter and shoulder fire seasons. There wasn't a need for an expanded dispatch this season; however, an EDSD from out of the area was ordered to assist with logistics for a one week period. MIFC had around the clock staffing for approximately 27 days this season.

Fire Activity

Initial Attack fire activity was 83% of average. Resources responded to 180 wildfires and 70 false alarms. Large fire activity was minimal with one large fire (over 100 acres) on the zone. The Sunnyside fire (UT-MOD) started on 7/22 and burned 450 acres. There were 2 other Type 3 fires; Patmos (UT-SES 19 acres) and Cottonwood Ridge (UT-MOD 15 acres).



Sunnyside fire 7/22/2014

Prescribed Fire

Local Fuels programs took advantage of favorable conditions for prescribed burning during the off season. There were a total of 22 prescribed burns for 3,222 acres (Table 1).

Table 1 - Prescribed Fire Statistics by Agency

AGENCY	RX Fires	RX Acres
BLM	6	699
USFS	6	1,916
STATE	8	614
NPS	2	2
TOTAL	22	3,221



Peters Point RX

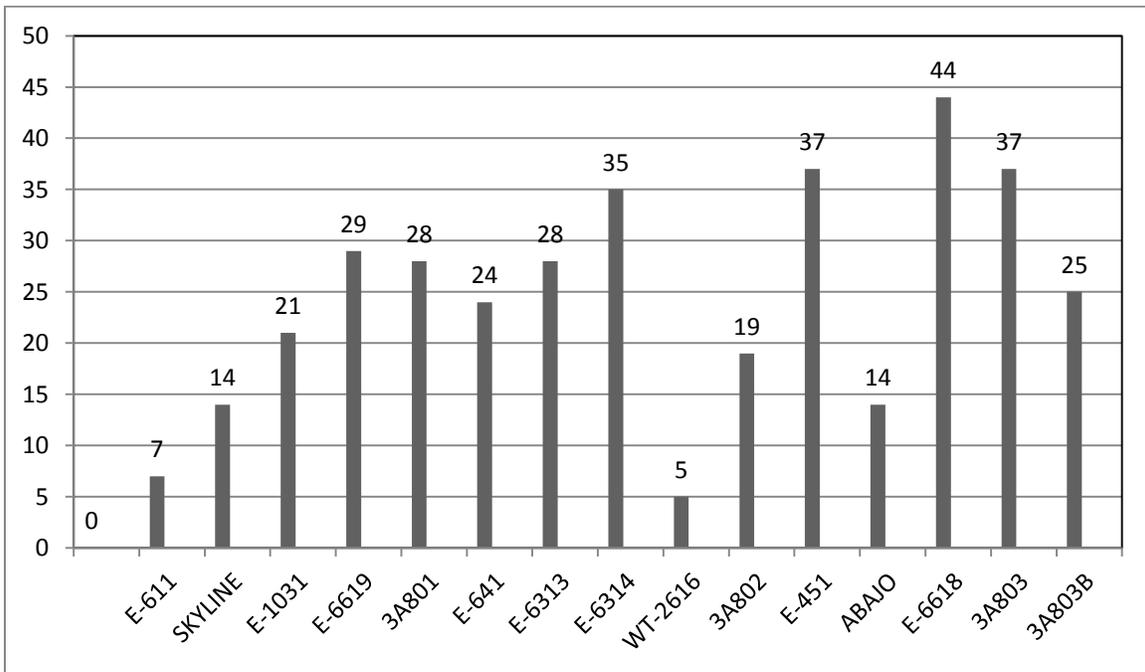


Figure 1 – Local resource responses in WildCAD (includes all response types: Wildfire, False Alarm, RX, etc).

Aviation

Moab Helitack

Moab Helitack and helicopter 6GM had a below average number of fire responses and flight hours in 2014. Helicopter 6GM flew a total of 194 hours (Table 2) and the helitack crew participated in 45 Initial Attack (IA) fire responses. Moab Helitack also assisted Canyonlands National Park with one Search and Rescue effort and was ordered for 2 off district fires in Northern Utah for a total of 8 days. Three detailers were called in to assist the crew at various points in the fire season.

Table 2 - Aviation Flight Hours Summary

Type of Flight	AGENCY				Total By Type
	BLM	USFS	State/County	NPS	
On Unit Fire Flight Hours	47.2	34.5	22.3	0	104
Project Flight Hours	25.2	0	0	3.4	28.6
Off Unit Flight Hours	54.9	6.5	0	0	61.4
Total By Agency	127.3	41	22.3	3.4	194

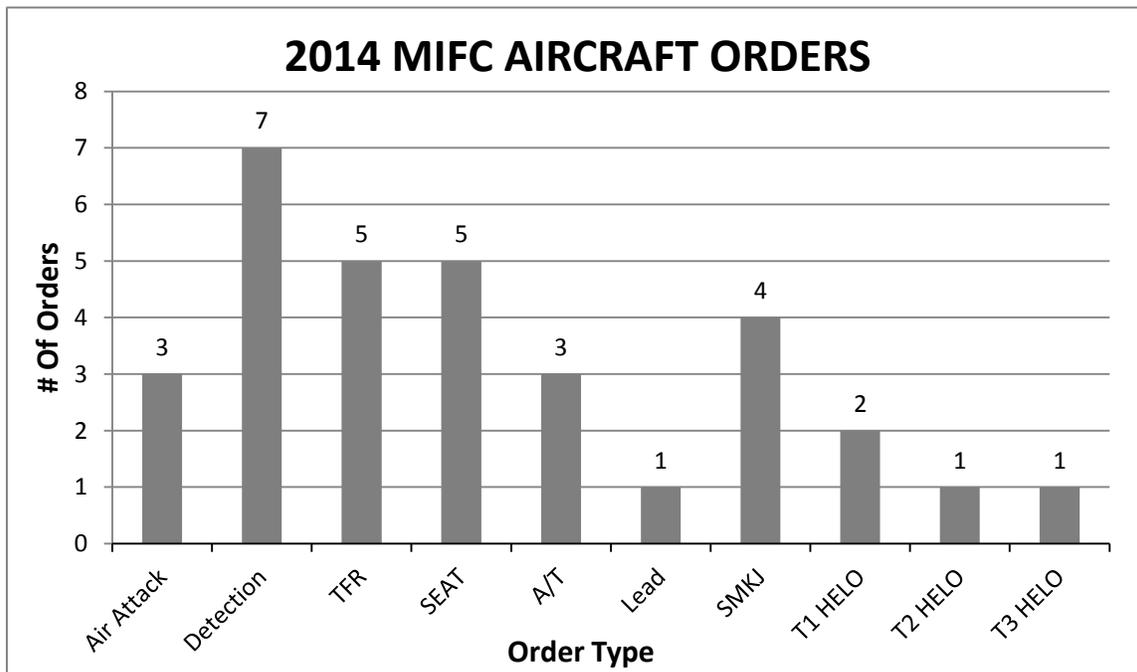


Figure 2 - Aircraft Order Summary

Weather

Temperatures were mostly average in 2014 while precipitation was above average in Grand County and average to slightly below average for the rest of the zone (Figs. 2 and 3).

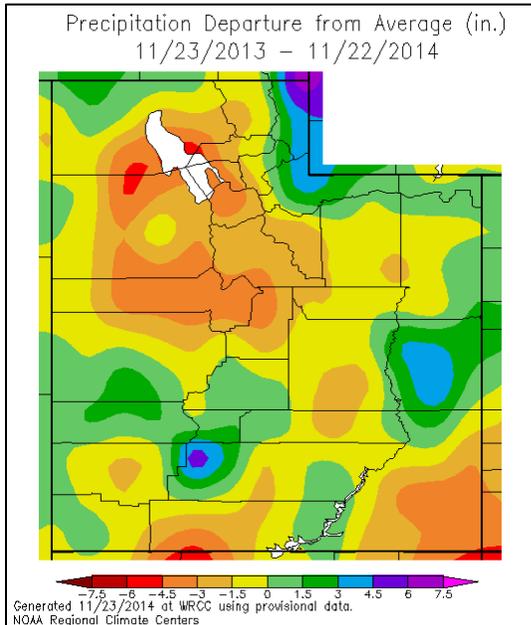


Figure 3 - Precipitation Departure (inches)

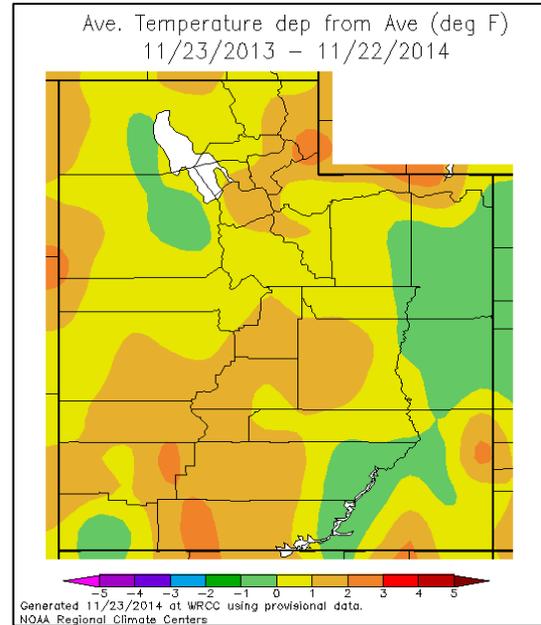


Figure 4 - Average Temperature Departure (inches)



Lightning over Moab

Lightning over Elk Ridge



Fuels and Fire Danger

Spring and early summer ERC values were average for the most part (Figs. 4 and 5). Above average precipitation in May kept live fuel moistures high for that time of year and contributed to heavier one hour fine fuel loading. The latter half of summer saw ERC values well below average.

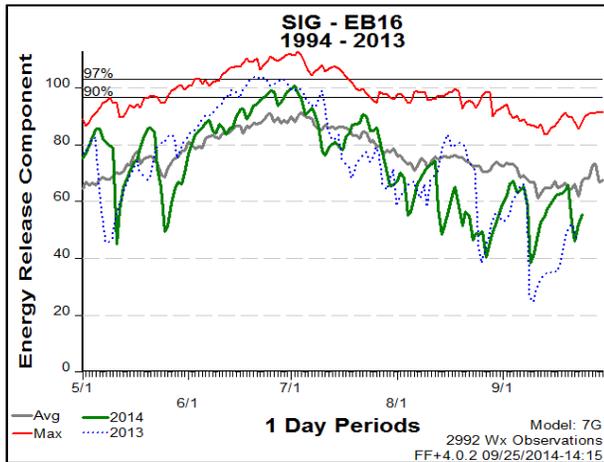


Fig 5 - Low Elevation ERC

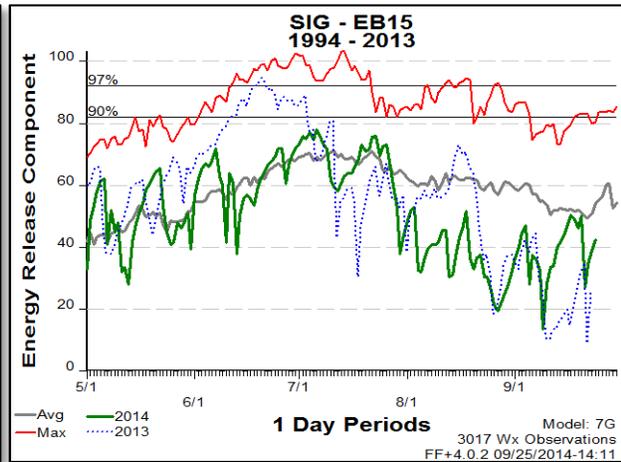


Fig 6 - High Elevation ERC

Fire Statistics

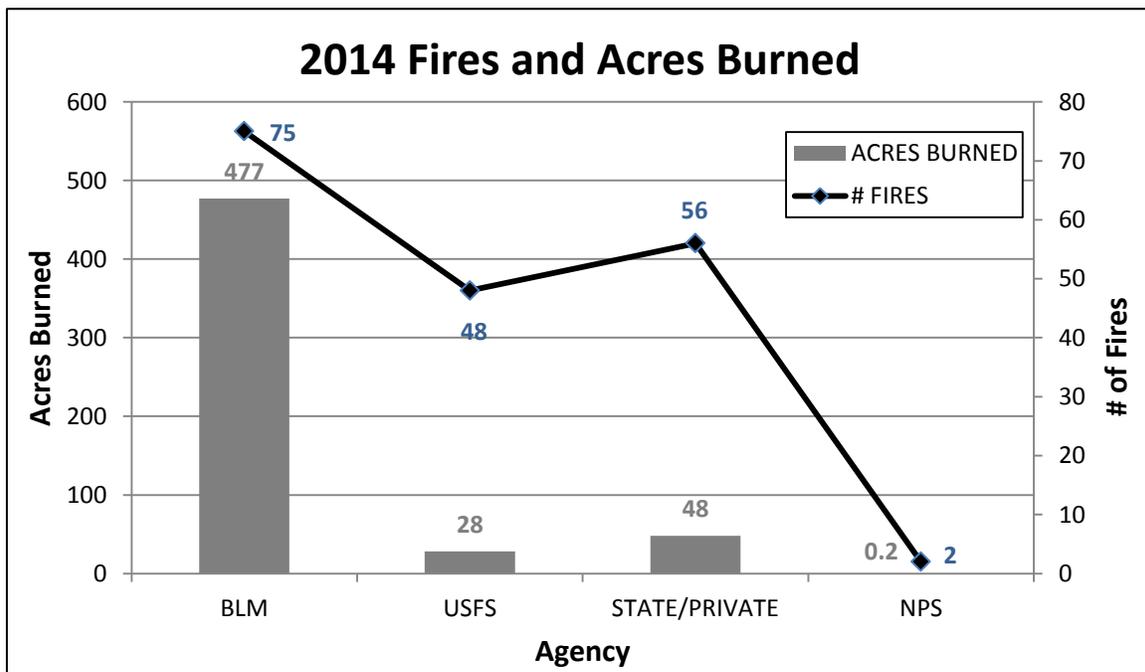


Fig 7 - Number of Fires and Acres Burned by Agency

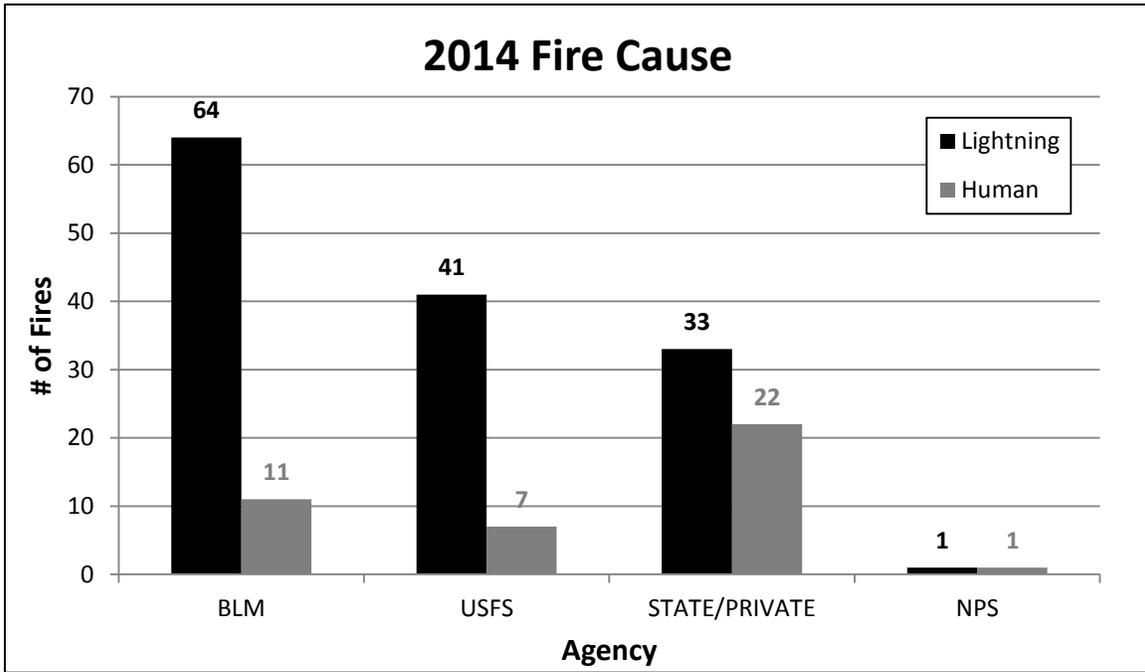


Fig 8 - Fire Cause Statistics by Agency

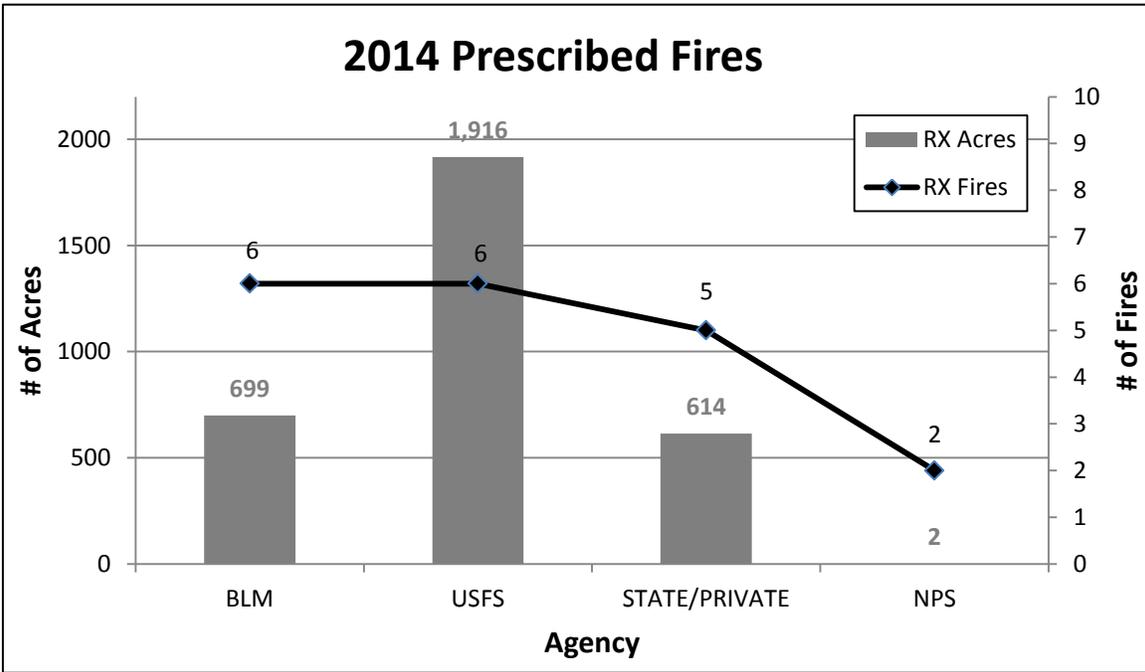


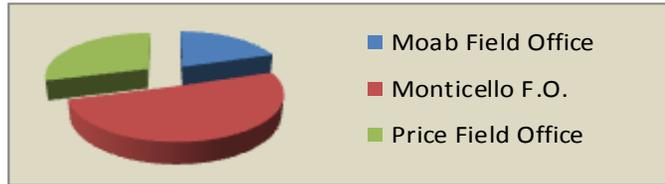
Fig 9 - Number of Prescribed Fires and Acres Burned



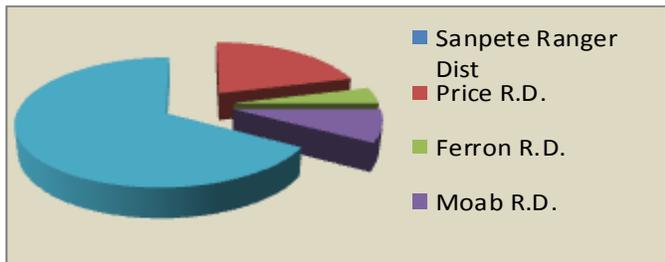
Pine RX

2014 FIRES BY UNIT

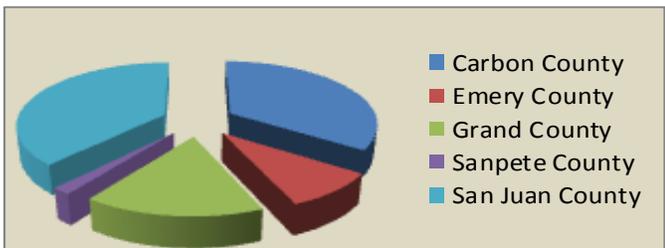
Canyon Country BLM	
Moab Field Office	15
Monticello F.O.	38
Price Field Office	22
TOTAL:	75



Manti LaSal N.F.	
Sanpete Ranger Dist	0
Price R.D.	10
Ferron R.D.	2
Moab R.D.	4
Monticello R.D.	32
TOTAL:	48



Southeast Utah State	
Carbon County	19
Emery County	5
Grand County	9
Sanpete County	1
San Juan County	21
TOTAL:	55



National Park Service	
Arches	1
Canyonlands	1
Natural Bridges	0
TOTAL:	2

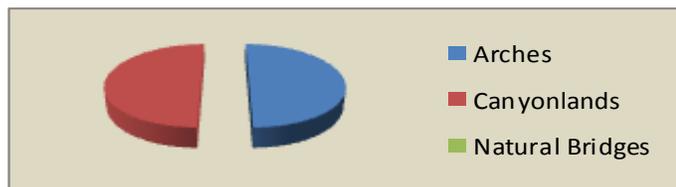


Fig 10 - 2014 Fires by Unit

MOAB INTERAGENCY FIRE CENTER

Table 3 - Ten Year Average Fire Occurrence by Agency

10-YEAR AVERAGE FIRE OCCURRENCE						
YEAR	USFS	BLM	NPS	SES/PRI	BIA	TOTAL
2005	53	87	6	47	2	195
2006	63	115	5	83	3	269
2007	54	84	3	64	0	205
2008	32	70	7	57	0	166
2009	53	115	8	51	0	227
2010	45	90	6	33	1	175
2011	45	102	5	69	1	222
2012	64	120	0	87	0	271
2013	48	115	5	79	0	247
2014	48	75	2	55	0	180
Total	505	973	47	625	7	2,157
10-YR AV	50.5	97.3	4.7	62.5	0.7	215.7
% OF TOTAL	23.41%	45.11%	2.18%	28.98%	0.32%	100.00%

Table 4 - Ten Year Average Fire Acreage by Agency

10-YEAR AVERAGE FIRE ACRES BY YEAR						
YEAR	USFS	BLM	NPS	SES/PRI	BIA	TOTAL
2005	246.1	4,087.1	29.5	173.9	0.0	4,536.5
2006	6,104.2	5,465.4	0.5	1,429.0	0.0	12,999.0
2007	8,743.8	1,901.2	0.4	1,262.5	0.0	11,907.8
2008	3,391.3	323.5	127.35	746.4	0.0	4,588.5
2009	5,153.5	1,820.7	1.0	1,171.2	0.0	8,146.4
2010	1,982.0	169.0	0.6	31.0	0.0	2,182.6
2011	455.0	561.0	0.5	128.0	0.1	1,144.6
2012	44,268.0	3207.0	0.0	7594.0	0.0	55,069.0
2013	1,706.5	218.9	4.0	270.0	0.0	2,199.4
2014	28.0	477.0	0.2	48.0	0.0	553.2
Total	72,078.3	18,230.7	164.05	12,853.8	0.1	103,326.9
10-YR AV	7,207.8	1,823.1	16.4	1,285.4	0.0	10,332.7
% OF TOTAL	69.76%	17.64%	0.16%	12.44%	0.00%	100.00%

ROSS ORDERS

Below is a summary report of ROSS orders processed at MIFC for 2014 (Tables 5 and 6)

Table 5. Summary Year-To-Date Transactions.

Catalog Name	Enter	Delete	Place	Retrieve	Fill	Unfill	Reassign	Release	Cancel	Cancel UTF	UTF
Aircraft	82	1	36	11	59	1	18	53	11	0	1
Crew	18	0	14	4	16	2	10	3	6	0	2
Equipment	39	1	4	1	33	0	2	25	12	0	0
Overhead	509	2	246	22	669	14	248	266	9	2	112
Supply	519	2	193	25	303	0	0	8	46	5	0
Summary	1167	6	493	63	1080	17	278	355	84	7	115

Table 6. Off District Requests Filled By MIFC Resources.

Position	Filled	Position	Filled	Position	Filled	Position	Filled	Position	Filled
COML	1	HEQB	2	PTRC	1	TFLD(T)	1	Type2 IA Crew	5
ICT4	3	EDSD	2	PIOF	2	FDUL(T)	1	Type 3 Heli	4
GISS	4	GSUL	1	BCMG	3	PIO2 (T)	1	Type 3 Eng	2
TIME	3	DIVS	7	BUYT	1	ACDP(T)	2	Type 4 Eng	3
SECM	1	INVF	1	AOBD	4	READ(T)	1	Type 6 Eng	5
SEC1	5	DRIV	2	ASGS	1	EDSD(T)	1	WF Module	2
SEC2	4	SOFR	3	HMGB	3	EQTM(T)	1		
READ	5	FELB	1	ICT3	2	ICT3(T)	1		
EQTM	1	TFLD	5	PIO2	1	PETM(T)	1		
SCKN	1	SOF2	2	OPBD	2				
FDUL	1	THSP	1	PLDO	1				
ORDM	1	EMTF	3	PSC1	1				

The Red Rock Regulars Type 2 IA Handcrew completed 5 assignments to 10 fires for a total of 50 days. 68 different firefighters filled positions on the crew.



USDA-Forest Service		UNIT	
PERSONNEL EMPLOYED ON WILDFIRE PRESUPPRESSION AND SUPPRESSION ACTIVITIES		Manti LaSal National Forest	
		CALENDAR YEAR	
		2014	
<p>INSTRUCTIONS: 1. Data for items 1a, 1b, and 2b should be taken from planning and budget records in the Supervisor's Office.</p> <p>2. Items 1c, 1d, 2b, and 2c may be obtained from actual records in the S.O. or from the Ranger District. If obtained from the Ranger having intimate knowledge on use of his personnel, these items may be estimated. Complete accuracy is not required.</p> <p>3. Item 3 may be estimated where large numbers of casuals are employed. Since each reemployment counts as a new employment, sufficient accuracy can be obtained by sample counts and measurement of time slips.</p>			
ITEM NO.	ITEM	NUMBER	
		SUB-TOTAL	TOTAL
1.	Regular appointed personnel		
	a. Full-time fire management (<i>20 pay periods or more</i>)	7	
	b. Part-time fire management	34	
	c. Others used on presuppression sometime during year		
	d. Others used on suppression (<i>exclude those reported under a, b, or c</i>)	9	
	e. Total (<i>a + b + c + d</i>)		50
2.	Seasonal or short-term personnel	40	
	a. Regular fire control (<i>crews, firefighters, patrol, lookouts, etc.</i>)		
	b. Others (<i>BD, KV, BR, R&T, etc.</i>) who spent time on fire control work	20	
	c. Emergency firefighters (<i>exclude those reported under a or b</i>)		
	d. Total (<i>a + b + c</i>)		60
3.	Total number of casuals employed on fire suppression (<i>Each reemployment counts as an employment</i>)		3
4.	Number of casuals (<i>included in Item 3</i>) employed for first time (<i>Ranger's estimate is adequate</i>)	3	
5.	GRAND TOTAL (<i>1e + 2d + 3</i>)		113
SUBMITTED BY (<i>Signature</i>)			

Fig 11 – Personnel Employed on Wildfire and Presuppression and Suppression Activities

Table 7. Moab Interagency Fire Zone Ownership by Agency

OWNERSHIP ACRES	
BLM	6,121,338.7
DOD	2,535.7
DOE	42.4
NPS	415,697.1
PRIVATE	1,129,287.0
SITLA (UTAH SCHOOL TRUST LANDS)	1,030,498.3
SL&F (UTAH FF&SL)	18,641.3
TRIBAL	9,080.7
UDOT	1,264.2
UDWR (UTAH DIV. OF WILDLIFE RESOURCES)	38,572.9
USFS	1,337,487.1
USP (UTAH STATE PARKS)	11,778.2
TOTAL	10,116,223.6